

From qrp-1@lehigh.edu Tue Oct 17 14:35:00 1995
From: Wynn C C <wyn@stc06.ctd.ornl.gov>
Subject: [4343] ALAS, NO OCTOBER QQ
Message-ID: <Pine.OSF.3.91.951017100333.20128A-100000@stc06.ctd.ornl.gov>

What has happened to the October QRP Quarterly. Am I the only person not receiving one yet? Already the info is so dated, Mike is uploading his articles to QRP-L? Sheesh! ;-)

Mike.Czuhajewski@bbs.abs.net (Mike Czuhajewski) on Sun, 15 Oct writes:

>I just uploaded three of my articles from the Oct 95 QRP Quarterly to
>the archives at lehigh.edu, and if you don't get the QRP Quarterly you
>can read them there (less graphics, of course).

72/73,
Clay N4AOX
wyn@ornl.gov

From qrp-1@lehigh.edu Tue Oct 17 14:35:00 1995
From: Raymond.Anderson@Eng.Sun.COM (Ray Anderson)
Subject: [4305] All-Band QRP Xcvr Suggestions
Message-ID: <9510161704.AA03649@radium.Eng.Sun.COM>

I received a phone call this weekend from Tom AB6RG an ARCI member who got my name from the back of the QQ. He is apparently looking for an all-band 5 watt rig preferably with digital frequency readout. He wanted my opinion (since I was the QQ tech editor) on what he should get.

I had to plead ignorance on the subject as I haven't had any experience with the current crop of all-band rigs other than hearing snippets here and there on the band and on the list when others were debating their relative merits. I told Tom I'd appeal to the collective expertise of the QRP list for suggestions and perhaps give him a name of someone he could call to discuss the relative merits and details of various rigs.

So if anyone has any suggestions I can pass on to Tom or wouldn't mind him giving you a landline call to discuss the issue, please speak up.

Tnx es 72,

-Ray WB6TPU

From qrp-l@lehigh.edu Tue Oct 17 14:35:00 1995
From: Steve Slavsky <sslavsky@CapAccess.org>
Subject: [4332] ARCI Contest
Message-ID: <Pine.SUN.3.91-FP.951016223145.3688B-1000000@cap1.capaccess.org>

My first CW contest and QRP to boot. I managed to work 10 stations, 3 of which had ARCI numbers. Three of the others were QRP, but not members, though one said he was thinking of rejoining ((KB2GWF). I stayed on 40, almost exclusively in the Novice portion, because most of the folks down around 7.040 were running real speed - not poking along at 13 wpm. I have noticed this a lot. Not all of us who are generals can do much above 13, we are trying, but it takes time when you are getting back into CW after years of not doing it.

I think it is important for the foxes to spend some time up in the novice portion of the band and work all who call, regardless of license class. I, and I'm sure there are other QRPers like me, just can't handle 20+ wpm. I hate to slow down the folks on the lower end and don't want them to have to copy a slow fist sending PSE QRS. Thanks to W9MSE for hanging in there with me through a difficult exchange on the low end.

The PA contest was loud and clear in Northern VA all over 40. There was not a lot of activity above 7100 that I could find for the QRP contest. Did anyone else have the same experience of was it just propagation??

Hope to catch the fox one day soon. BTW, after playing with QRP CW after trying a lot of QRP SSB, its clear that CW is only way to go if you want to do more than just exchange prefixes. I'm amazed at what 5 watts and a 100 foot long wire can do. I've got an Explorer II on order, so I'll even be in the HB category soon.

I've been monitoring the QRP-L for nearly 10 months now and it is the best investment of reading time I make (of course QRPP and the ARCI Quarterly are great also, but I can't get new stuff from them every day). Keep all those great comments and tips coming in. I'd much rather have more than less.

See you on 40.

73 & 72,

Steve, N4EUK
Reston, VA

From qrp-1@lehigh.edu Tue Oct 17 14:35:00 1995
From: Byron8LCZ@aol.com
Subject: [4325] ARCI Fall QRP contest 95
Message-ID: <951016195648_125448700@emout06.mail.aol.com>

Hi gang,

Last year, there were so many stations on, that i could never work them all. They were wall to wall. This year, i got bored and played solitaire while waiting for someone to answer my CQ's. What a major difference. anyway, heres the totals:

15m 13 Q's and 7 SPC's
20m 38 Q's and 15 SPC's
40m 22 Q's and 17 SPC's

final score should be $323 \text{ pts} \times 39 \text{ SPC's} \times 7 \text{ (5 watts)} = 88,179 \text{ pts}$, considerably down from last years score of 393,183 pts. Even though the solar flux was 88 to 87 throughout the contest. the signals just werent comming thru. I have a feeling, many were disappointed with the propagation/other contests/noise and did other things this weekend. I wonder how other Mich QRP'ers did in the 'test ?

My first contact was Kris OA4/KA20IG in Peru and it was tough going. I never heard HP1AC or any other DX QRP stations. Even working Calif was rough. Usually I hear Ernie W8MVN 599 throughout the contest, this time, I only heard him a few times and he wasnt that strong (579 to 589) for very long. He's only about 4 or 5 hours driving time from my QTH. I never heard K5F0 but did work W5W0 (close enough). Also worked Bob V01DRB on 15 and 20, and a bunch of QRP-L members. We sure are an active group.

The busiest times were 1300z to 1400z on sat (10 Q's/hour) and 2300z to 2400z sun (12 Q's/hour). other than that, it was typically 4, 5 or 6 Q's per hour. It made for a long weekend in front of the rig, hoping that "any time now" the bands will open up and it'll sound like Field Day. Never happened. Wanted it to. But It didnt. It was cool, dark and cloudy sat, maybe a storm around the Mich area, could have raised the noise levels on the bands. Never heard a station on 10 meters and very few on 80m (the noise level was S9 or greater).

What happened to K7YHA, N8CQA, K8DD, WA8MCQ, N6GA, K3TKS, W1FMR ? I didnt hear a peep out of them all weekend. Were they all running 0.95 watts.....

I was surprised at how many DX stations i heard breaking thru occasionally on 20m, from England, Spain, Germany, Italy, Sweden, etc. Even called a few of them with no replys.

Also besides the PA QSO party, there was a FISTS Sprint contest.

The "Heard most often award" goes to: AA7QU, AA7KF, W5BKK, K0FRP, K5ZTY and especially to N4BP. N4BP's keyer must have been stuck on full automatic and shooting full metal jacket rounds. What a signal !

Glad its over..... cant wait till next year..... CQ Test CQ test

72, Byron WA8LCZ Detroit

From qrp-1@lehigh.edu Tue Oct 17 14:35:00 1995
From: K5ERJ@aol.com
Subject: [4323] ARCI QSO Party-My First!
Message-ID: <951016180439_46116165@emout05.mail.aol.com>

While it is not my intention to post everything I do with QRP to this list, I felt like a few notes concerning my first ever CW Contest might be in order.

Of primary concern was the new Classic setting idly on the desk with no resonant antenna with which to play.

Saturday was beautiful in Kansas, a perfect day to get the antennas up and in shape. I started early and removed a new Van Gordon multi-dipole system that absolutely had failed my efforts to bring it into resonance on 40 and 20. I checked out an old 80/40 trap dipole and started carefully tuning and pruning with the MFJ 259. Finally hit a happy medium about 7.145 on 40 and 3.930 on 80.

Time to give it a try. Forget the major tired....and limber up the fist. Checked the SWR and resonant freq. one more time from the equipment end in the shack and decided to go for it. Sigs on the Classic were awesome. This receiver is hot! A quick adjustment in the tune position showed 5 W on the WM-1 and 2 reflected. Ouch! Listen... see who's there.....why are they running a zillion wpm? (It seemed like that much) Some of us are code impaired after laying off all these years! N0IMH in Denver was nice enough to come back and give me a 569 but didn't get a report....Then it was WB5RKF in TX. Good exchange. 449... Maybe I can catch on to this yet!

By that time I decided to call it an evening, and with CQ PA CQ PA CQ PA ringing in my ears, I shut down for the night..

At 1015Z the next morning I stumbled onto Ernie, W8MVN. After a crude exchange (Boy he must think I'm a lid!) I got him into the log book and went to breakfast. A good rule....don't proceed until tank is full!

For the rest of the day, I worked 40 in spurts and for the most part made some pretty decent QSO's. Had one guy in LA try to tell me he was No. 1. Hummm.....don't think I can buy that, especially since the exchange didn't even come close to the accepted protocol.

There were a couple of times I heard guys calling from way down in the depths of the mud, but not good enough to respond. Sorry abt that fellows! Sunday was a day of Q's. QRM, QRN, QRS and QLF (send with your left foot for awhile)

Summed up, I had a blast even if I was sitting on a bundle of nerves. Our 10-10 Fall CW QSO party is this weekend, so maybe the previous practice will help.

More importantly, the Classic got a good workout and performed beautifully. I'm impressed with this fine little rig and look forward to many more Q's with it. Can't wait to get my Explorer for 30! The filters on the Classic are narrow enough (abt 800hz) that side channel rejection was excellent.

Thanks for the bandwidth....looking forward to working all 700 on the list.

73

Ed K5ERJ (Kansas)

From qrp-1@lehigh.edu Tue Oct 17 14:35:00 1995
From: "BOB SCHNICK, DIRECTOR, LECOM LIBRARIES" <schnick@shrsys.hslc.org>
Subject: [4298] ARCI/PA QSO Parties
Message-ID: <00997F42.B189CFFD.289@shrsys.hslc.org>

Being STUCK in PA, it was really difficult (read impossible) not to just "roll over" and do the PA QSO Party. Sorry ARCI.

I also proved to myself that QRP SSB is very viable - I work all the requisite counties on 40 meters - something I never did running 100 watts - Mayeb it was my magic Argonaut . . .

72 Bob

From qrp-1@lehigh.edu Tue Oct 17 14:35:00 1995
From: "MIKE HERR" <mike_herr@imdgw.chinalake.navy.mil>
Subject: [4296] Backpacking with the Norcal
Message-ID: <n1398292545.23130@imdgw.chinalake.navy.mil>

Hi Gang,

Well, I just got back from a backpacking weekend with my son's Boy Scout troop. I took along the Norcal 40 and had a ball. I've done this now a dozen times or so, camping in the desert, deep in the Redwoods and out in the snow. So far the Norcal 40 has performed flawlessly. Here's what I've found

1) I use AA alks for the power. I have made up a 9 cell pack to get the most out of them. The reason I use the AA's is that all the electrical equipment I take backpacking, ie flashlight, 2 meter radio, someday a GPS receiver, use AA cells. That way I can switch batteries around ant put them where I need them.

2) I can buy AA cells anyplace along the drive to the trail head. (wish I had this weekend, the pack was just about exhausted when I started so Iit didn't last too long.)

3) I use a simple dipole. I have one with RG-174 and some light weight wire. Use 100# parachute cord as the line. I don't use a wrist rocket nor do I pack in weights for setting the antenna. Rather I look for a rock I can tie onto and swing the rock David and Golith slingshot style. Depending where I am the antenna is 15 to 30 feet off the ground. It alway works.

4) I use a straight key built out of a microswitch. It is light weight and sitc nicely on my chest while in the sleeping bag at night. Just haven't found a good light weight paddle that will stay in place.

5) I also changed the connectors around so that each function has a unique connector. I don't use a phono plug for power. This way in the dark I can plug everything in without a light and not woory about shorting the world out.

My expericance to date is that I have always been able to make a QSO or two, even when at the bottom of a canyon with steep 8000 foot mountains on the sides. I'd like to hear other accounts of backpacking QRP as well.

72
Mike
WA6ARA

From qrp-1@lehigh.edu Tue Oct 17 14:35:00 1995
From: Mike Robinson <miker@cc.com>
Subject: [4306] Best coax

Message-ID: <9510161715.AA14305@voder.nsc.com>

I have been given the opportunity to put up dipole at work. The run from the feedpoint to my desk (too cool) will be about 130 feet.

The coax will pass by all sorts of interesting things, which is why I must use coax vx. twin lead.

I need to buy 150 feet of coax. I would like it to be not too expensive (.20 to .50 per foot) and as low loss as possible.

Which coax should I buy?

This is great because at home I have to be stealthy, at work I can be flamboyant.

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=====
7.3 de Michael aa0ub          | QRP:
miker@cc.com Norcal #857 CQC #180 | "UR HB 5W FB 72"
=====
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From qrp-1@lehigh.edu Tue Oct 17 14:35:00 1995
From: dgf@netcom.com (David Feldman)
Subject: [4319] Building 8044 into Whiterock MK44 paddle
Message-ID: <199510161926.MAA01136@netcom21.netcom.com>

Today I received a Whiterock MK44 paddle (a miniature plastic keyer paddle they sell for \$9.95 ppd). If you haven't seen one, it looks like a tiny keyer paddle, but most of the parts are plastic plus some regular metal machine hardware. It looks like it will work - very clever. Anyway, I'd like to build a 8044 keyer circuit into the base of the paddle (the base is a simple plastic box about 2x2x0.5 inches). Has anyone done this?

73 Dave WB0GAZ dgf@netcom.com

From qrp-1@lehigh.edu Tue Oct 17 14:35:00 1995
From: rxd7@hunny.INS.CWRU.Edu
Subject: [4302] Cascade

Message-ID: <199510161647.MAA27076@hunny.INS.CWRU.Edu>

I have been reading a considerable amount of mail on the Cascade transceiver. Likeing to build qrp gear, I would like more information on this txcvr, like specs, price, where available ?

Can anyone help me. Thanks

Dick, WD8ISB

From qrp-1@lehigh.edu Tue Oct 17 14:35:00 1995
From: frank@trappist.net.com (Frank Gurnee)
Subject: [4301] Cascade notes
Message-ID: <9510161555.AA29799@trappist.net.com>

Well, that's the end of my Cascade notes; I found nothing else. I am on the air on 20m and 75m. First contact was to Alberta Canada on 20 m with 3.6 watts from San Francisco. 75m puts out 7.3 watts. Reports received indicate the audio is excellent.

Frank
K06MM

From qrp-1@lehigh.edu Tue Oct 17 14:35:00 1995
From: mack@mails.imed.com
Subject: [4303] DDS Article in 73
Message-ID: <9509168138.AA813869852@mails.imed.com>

There was a thread in one of the groups last week regarding the DDS article in October 1995 73 magazine. Someone on the list erroneously read the AD part of AD7008 as being an AMD part number. It isn't. It's an Analog Devices part. I just talked to Theresa at Allied in Corpus Christi. She said they are out of stock right now but the 20 MHz part is \$28.20 in onsies and the 50MHz part is \$33.85 in onsies.

I remember seeing the product announcement for the AD7008 last year but didn't pay a lot of attention because of the price at the time.

I don't know about y'all but I can't imagine a discreet design that I could make for \$33.85. The cheapest 10 bit DAC is on the order of \$50.00.

I took my 1994 AD design catalog home over the weekend to look at the part more closely. This looks like a REALLY nice part. It will do QAM digital modulation, phasing SSB, and other nifty things all digitally! The \$5 price difference for the extra 15 MHZ out of the 50 MHZ part (you can only get up to about 24 MHZ with the 50 MHZ clock part) seems like a really small difference.

Ray Mack
WD5IFS
mack@mails.imed.com

From qrp-1@lehigh.edu Tue Oct 17 14:35:00 1995
From: BOB.LIESENFELD@hamlink.mn.org (BOB LIESENFELD)
Subject: [4339] DIODE IN FINAL AMP
Message-ID: <813884488.AA03909@hamlink.mn.org>

Hi gang,

Ok, we have all probably used the 33V zener from the collector to ground of our 1-5 watt PA xistor and found that it aids stability, reduces spurs, et al. Now what I want is a rigorous description of why it works. I don't think it's additional capacity, or clipping of the waveform, I think that something more subtle is going on here... but what??

72 Bob WB0POQ

Technology is OUT of control.....

---NoSnail v1.17

HAM>link< RBBS - Serving the Amateur Radio Community Since 1983

- 612/HAM-0000 v.34 Ham Radio Spoken Here!!
- 612/HAM-1010 v.32b Reply to sender @ hamlink.mn.org

From qrp-1@lehigh.edu Tue Oct 17 14:35:00 1995
From: adams@chuck.dallas.sgi.com (chuck adams)
Subject: [4313] FOX: Schedule for this week
Message-ID: <199510161838.SAA07634@chuck.dallas.sgi.com>

Gang,

For this week:

October 15, 1995 -- US Time Zones

Tuesday October 17,1995 --- 9-11EDT W03B Bob

Tuesday October 17,1995 --- 7-9 MDT AB50U Tim

October 15, 1995 -- UTC Time

Wednesday October 18,1995 --- 0100-0300UTC W03B Bob

Wednesday October 18,1995 --- 0100-0300UTC AB50U Tim

As you will note we will for this week reduce the time to two hours instead of four. This is good news-bad news sceneriao depending upon how you look at it. They will post their respective freqs and time intervals.

In email there was talk of one hour in Novice and one hour in the General bands, but that is their call. It is a possibility that they both could be in the same band area but say at 7.042+ and 7.038- during the same time interval. This should divide the pileup into two mini-pileups. It'll make life interesting and be a sanity check on doing two at once. I'm sure we'll see postings on both sides. I think it only happens once or twice this year, so don't get up tight about it. :-)

Just a note: This may be last time we do two per week as I get the feeling as some have posted: We've gotten too competitive and it may be that four hours of chasing foxes per week is too much. The first choice on prizes is going to the first place hunter as it seems fair that the foxes invest much more time in this. Don't consider this exercise as a contest. It is supposed to be fun. I was under too much pressure to get everyone that wanted to be a fox into the game. Next year we will only take people who have never been the fox. That'll keep the players circulating in the pool of foxii.

The fox is lose. And yes they are not in hiding, it just seems that way if propagation is all wrong.

dit dit es gl

--

Chuck Adams (K5FO CP-60) adams@sgi.com
Box 181150, Dallas, TX 75218-8150

From qrp-1@lehigh.edu Tue Oct 17 14:35:00 1995
From: Dale Hall <102603.30@compuserve.com>
Subject: [4326] FS: TS130V/130S Service Manual
Message-ID: <951017002401_102603.30_HHU71-1@CompuServe.COM>

I have a service manual for a TS130V QRP transceiver. It is also for the TS130S. I will sell it for \$10.00.

I also have a User's International Radio Club users suppliment for the TS120/130 series transceivers. The 130V QRP rig is included in it. It is a manual of mods, adjustments and repairs for the transceivers. It is a 70 page manual. I will sell it for \$10.00.

If you want one manual, you pay the postage. If you want both, I will pay the postage. First class postage on the service manual is \$1.47. First class postage on the user's suppliment is \$1.70.

72 Dale KB0WZ

From qrp-1@lehigh.edu Tue Oct 17 14:35:00 1995
From: "Stan Goldstein, N6ULU" <stan@cruzio.com>
Subject: [4295] hw9 & accessories
Message-ID: <199510161446.KAA45305@nss2.CC.Lehigh.EDU>

All the stuff has been sold, thank you

--
Stan Goldstein

From qrp-1@lehigh.edu Tue Oct 17 14:35:00 1995
From: prvalko <prvalko@Oakland.edu>
Subject: [4334] Late night with Chuck and Paul
Message-ID: <Pine.OSF.3.91.951016231532.17477B-100000@saturn.acs.oakland.edu>

How embarassing!

I'm fiddling with the NC-40 last night and suddenly it strikes me to drive the ol' Ten Tec 405 amplifier with the 2W Norcal. I have not used the amp in over a year and don't even know if it'll work.

Click

Hmmmm... 50 watts, most impressive...

Might as well see if I can work someone. AH! There's a SIX! And he's loud, I return to his CQ with my mighty 50 watts and halfway through my call he answers someone else.

sigh

CQCQCQCQ de wb8zjl wb8zjl wb8zjl dahhhhhhhh di dahhhhhhhhhhhh

Whoa... someone's answering me... flip on the RIT... OH MY GOSH!!! It's the king of the QRP-L Foxhunt!!! K5FO!!! And here *I* am running QRO!

sheeze

Now I get all nervous with the CP-60 certified master on the other end of the horn and I start botching my code. HI CHUCK NIFE TM SEE U AGET
URSIM IH 560N 569 MI MI dahdididi dah

fercryinoutloud.

Chuck gives me a 599 (no kidding) he's 569 but quickly obliterated by a tuner upper and other stations. I hear him send 73 and the classic "dit dit."

Time to hit the rack.

good night es 73 =paul= wb8zjl

From qrp-1@lehigh.edu Tue Oct 17 14:35:00 1995
From: mack@mails.imed.com
Subject: [4309] More on DDS
Message-ID: <9509168138.AA813873166@mails.imed.com>

I just called AD to request that they do the only improvement that I think the AD7008 needs: It needs quadrature outputs for image reject receive mixers.

I got a request for the specs for the chip:

2 speed classes: 20 MHz and 50 MHz

on board sine and cosine lookup tables for doing I/Q stuff
two 10 bit multipliers and adder for doing I/Q stuff digitally

serial interface as well as either 8 bit or 16 bit parallel microprocessor interface

32 bit phase accumulator

2 frequency registers so you could for instance set both TX and RX frequencies and switch in one cycle from one to the other

a phase adjust register for doing direct phase modulation

As you can see this device is capable of simultaneously performing all three types of modulation(phase, frequency, and amplitude) all digitally!

They have a Fax Back number: (800)446-6212

request document number 1240, but be ready! It is 17 pages!

The biggest problem with the design in 73 magazine is that the author put all of the computer smarts on the same board as the DDS. If he had put the RF stuff on one board and the computer stuff on another it would allow for one RF design to be used in several system designs.

My favorite computer for control is a 8088 in minimum mode with one ROM and 1 SRAM and maybe an 8255 and 8250. This can be wire wrapped if desired and is still useful and for under \$20 (I have a lot of ROMS in the junk box).

Ray Mack
WD5IFS
mack@mails.imed.com

From qrp-1@lehigh.edu Tue Oct 17 14:35:00 1995
From: GREGOIRE@VALLEY.NET (ERNEST GREGOIRE)
Subject: [4317] N.E.-QRP-C.(Anouncement)
Message-ID: <199510161948.PAA12362@dartvax.dartmouth.edu>

Hello All,

With the blessing of New England QRP Club president, Jim Fitton, I have volunteered to be a public relations man for the N.E QRP club. It occurred to me that we do a lot of good things that the general ham radio public never hears about. My job will be to toot the horn of the N.E. QRP Club.

I am in the proccess of contacting ham radio publications and have already had a very positive reply from Richard Fisher who writes the QRP column on Worldradio. He said that he would be happy to help out.

So look for announcements about the activities of the N.E.QRP-C. in some of your favorite ham radio magazines. President Jim Fitton has made up a tentative schedule for the up coming year. It has some new events that will be a lot of fun to take part in. The old stand by's like QRP Afield, and the W1AW field trip are still there too. 1996 should be a great year for QRP interests here in New England.

I will be posting notices for the New England Qrp club on Internet, at the QRP-L news group. This will be old news for those already subscribing to that news group.

Look for this heading in the subject line:

N.E.-QRP-C.(ARRL CONV-BOXBORO)

as an example of a typical announcement, for the ARRL convention at Boxboro Ma. The area between the () will be the subject matter.

Please contact me for any information about the New England QRP club and I forward your request to the right person if I don't know the answer myself

de AA1IK	(Lead by example, It is much easier)
	(to pull a string than it is to push it.)
Ernie Gregoire	()
Canaan, NH.	()
	(_____)

e-mail : GREGOIRE@VALLEY.NET
packet : AA1IK@WA1WOK.FN43FE.NH.USA

From qrp-l@lehigh.edu Tue Oct 17 14:35:00 1995
From: Edward=F=Burke%Eng%GPID@banyan.BV.TEK.COM
Subject: [4320] Norcal30 Conversion
Message-ID: <9510162015.AA11731@tekgen.bv.tek.com>

Since I have been delighted with the performance of my Norcal40 and 40A (I have built one of each) I decided a while ago to make a Norcal30. It works just fine and I thought that I would share the changes with other enthusiasts.

The list of components refers to the schematic for the Norcal40A as it was issued by Norcal. I am not sure that Wilderness Radio has continued the same numbering system, so check with Bob Dyer if you have the latest version from them. The parts shown below are what I actually used in my 30 meter rig; you can probably make substitutions for most without any problems; for instance, where I used a silver mica cap, you can substitute a ceramic capacitor.

L1 21 turns, #26awg on FT37-67 toroid (note material).

T1 1 turn primary, 21 turns secondary, #26awg on FT37-67 toroid (note Material).

C4 2.5pF (use two 5pF caps in series if 2.5pF is unavailable).

T3 20 turn primary, 4 turn secondary, #26awg on FT37-61 toroid.

C6 15pF.

C9, 10, 11, 12, 13 390pF, silver mica (this gives a 500 Hz filter bandwidth).

L4 12 turns, #24awg on FT37-61 toroid.

C14 47pF

C38 51pF, silver mica.

L6 24 turns, #26awg on T37-2 toroid.

L9 62 turns, #28awg on T68-7 toroid. You may need to adjust this slightly.

C49 47pF.

Q1 MPSH10 npn rf transistor (optional; it probably helps a little).

X1, X2, X3, X4, X5, X6 Digikey CTX 082 crystals. Four must be matched using a simple test oscillator to 30 Hz.

L7, L8 16 turns, #24awg on T37-2 toroid.

C45, C47 200pF silver mica. 300 volt rating would be desirable.

C46 470pF silver mica, 300v also.

C31 10pF.

C35 68pF.

C18 200pF, silver mica.

This is the list of new component values. I'm surprised that it is so long.

I also did the transformer output matching mod per QRPP June, 1994, as well as changing the output transistor to an MRF237 (adding a robust heat sink to that part). The result is a very nice signal just shy of 5 Watts.

My impression is that the received audio is a little "weaker" than the Norcal40A, but I'm not sure how much of that is due to the overall quieter band conditions on 30 Meters. Theoretically, there is some loss in gain due to operating closer to the gain-bandwidth product for the NE 602, but the Norcal30 is still eminently usable; I've had DX contacts with New Zealand with it, for instance.

Best of luck, 73's and enjoy!

Ed Burke KI7KW

From qrp-l@lehigh.edu Tue Oct 17 14:35:00 1995
From: dh@deneb.csustan.edu (Doug Hendricks)
Subject: [4329] Pacificon 95 This WEEKEND!!!
Message-ID: <9510170103.AA29763@deneb.csustan.edu>

Pacificon 95 is coming this Weekend!! The fun starts Friday, Oct. 20 at 7:00 as the QRP group will gather around the ARCI-NorCal Booth located right next to the Special Events Station in the hall right next to the elevators. (Boy my English teacher would love that last sentence.)

Derry Spittle, VE7QK will be there as well as John Liebenrood, K7RO who are the QRP Forum Speakers Saturday morning at 9:00. I will be picking John up at the airport, so will be a little late, say 9:00 PM, but we will be there.

Everyone is encouraged to bring their homebrew rigs for "Show and Tell" session. We want to see what you have been working on.

NorCal is going to raffle a Cascade, with the tickets costing \$5. The drawing will be held on Sunday morning during the QRP Forum, which by the way, will feature Stan Goldstein, N6ULU and Wayne Burdick, N6KR. It will also be at 9:00 AM. See Doug or Jim for tickets.

Bob Dyer from Wilderness Radio will be there with all of the products from Wilderness.

Pacificon is sponsored by the Mt. Diablo Radio Club, and will be held at the Concord Hilton Hotel in Concord, California. If you call for a room mention Pacificon 95 and you will qualify for a special group rate of \$72 per night (nice number! even the hotel believes in QRP.) Hope to see you there.

72, Doug, KI6DS

From qrp-1@lehigh.edu Tue Oct 17 14:35:00 1995
From: dh@deneb.csustan.edu (Doug Hendricks)
Subject: [4330] Pacificon Weather Report
Message-ID: <9510170105.AA29771@deneb.csustan.edu>

The weatherman says that the outlook for this weekend is beautiful California weather. High's in the 80's, and bright sunshine ALL WEEKEND. (Eat your heart out Dayton). See you at Pacificon, at the QRP Forums. 72 and grinning, Doug KI6DS

From qrp-1@lehigh.edu Tue Oct 17 14:35:00 1995
From: Jeffrey Hetherington <jhetheri@freenet.npiec.on.ca>
Subject: [4312] Pixie II
Message-ID: <Pine.3.89.9510161421.A28076-01000000@freenet>

I know that there are some hams on this list that have built the Pixie II rig. I have a few questions for them, or anybody else that has the knowledge.

Is the Pixie II a xtal xceiver? or xmitter?

What band(s) is it designed for?

Can it be easily modified for other bands?

Tnx in advance, es tnx for the bandwidth.

Jeff - VA3JFF

=====
L. JEFFREY HETHERINGTON
Niagara Falls, Ontario, Canada
E-Mail : jhetheri@freenet.npiec.on.ca

From qrp-1@lehigh.edu Tue Oct 17 14:35:00 1995
From: "Lau, Zack, KH6CP" <z1au@arrl.org>
Subject: [4310] QRP ARCI Contest
Message-ID: <3082A05D@arrl.org>

Was the QRM really all that bad? I thought it was a great choice of weekends--considering that the AMSAT conference was last weekend and the Microwave Update is coming up...

I had 178 k pts in 18 hours on just 2 bands (80/40 meters) from my 2nd floor apartment. Modified HW-9 (400 Hz filter) 80 meter loop and a 40 meter dipole, both at 20 to 40 ft. Also used a Argo 515 for listening but don't remember making a QSO with it..

I added 28 members to my list--735 members worked--in case the Awards manager ever catches up.

Zack KH6CP/1

From qrp-1@lehigh.edu Tue Oct 17 14:35:00 1995
From: pcalcand@sescva.esc.edu (PETER CALCANDY)
Subject: [4324] QRP ARCI CONTEST
Message-ID: <95101618230598@sescva.esc.edu>

Is it possible to enter two contests at the same time? Since my inlaws are coming for a visit tomorrow, the XYL N2SXY had me doing 'honey-do's' to prepare for the big visit. You would think the Pope was coming. Anyway I had only a couple of hours here and there to work my favorite contest. 40 and 80 meters were difficult with CQ-PA but I made the best of it and worked some of these guys as well. It was tough in the beginning getting the exchanges correct but with a bit of practice, it worked out. Unfortunately, my computer can only run one logging program so I had to keep a separate log for the PA folks. Anyway, it was fun just the same. Almost half of the contacts were made during the last hour of the qrp contest. Just when I was getting the hang of it, the contest was over. Thanks to all the stations for putting up with my lousy fist. It will improve and hopefully, by spring, I will be able to get through the exchange once. See you all at sweeps. These are the kind souls who hung in there.

A4BP
KC4IIS
AA4XX

AA7KF
KM8X
WY1W
KH6CP/1
K2JT
KB2JEK
N2MNN
W2RPH
WA3GYW
WJ1V
N0IZZ
V01DRB
KB5YVT
W0WM
WA0RPI--I think I have worked this chap on every qrp test I have been in.
K04AJ
K8NQC
KN4QC
WB9PXR
KF0N
N4ROA--Big Sig.
AE4IC
K1PUG
WA3SRE--Worked him alot too.
WA3YON
AA1MR
K3SS
W3WWP
AA1KC
KN1H
W2JEK

Thanx agn.
Regards, Peter N2KPY

From qrp-1@lehigh.edu Tue Oct 17 14:35:00 1995
From: "Warren E. Lewis" <saswel@unx.sas.com>
Subject: [4316] QRP ARCI Fall QSO Party
Message-ID: <199510161944.AA25497@cardamom.unx.sas.com>

Well, after the dust cleared I wound up with about 51K points. I set a goal of bettering my output of 34 QSOs last year. I stopped at 50 with an hour left in the contest. I had 12 QSOs on 80, 25 QSOs on 40, 12 QSOs on 20, and 1 QSO on 15M(N6ULU was booming in from California!! No wonder Stan is

such a QRP DX success). I bumped into Bob (W03B) and his milliwatts, Zack (KH6CP/1) on 40 and 80, Bill (N8ET), Danny (K3TKS) with his Argo 509, Dick (KA3ZOW) with his TAC1(rig sounded great), Preston (WJ2V), and of course Ernie (W8MVN) with his huge signal into NC(He was as loud as some of the PA Killowatts).

Like everyone else I had to bounce in and around the PA QSO Party. Luckily their exchange was different enough from ours that it was quick to discern which contest they were in. Also I bumped into a bunch of folks just calling CQ TEST DE CALL. All of them turned out to be PA QSO PARTY participants. Glad all you QRP guys and gals put QRP into your CQ call somewhere.

Thanks one and all for the contacts!! I look forward to working everybody during the ARRL November Sweepstakes on November 4th and 5th. Lets have a good turnout in the Q class.

cheers - Warren

--

Warren E. Lewis
Technical Support Division
SAS Institute Inc.
Cary, NC

saswel@unx.sas.com
(919) 677-8001 x6542
PP-ASEL
AD4ZE DOD#0021

From qrp-1@lehigh.edu Tue Oct 17 14:35:00 1995
From: "Richard Hieber" <SZ0026@daphne.rrze.uni-erlangen.de>
Subject: [4315] QRP Clubs List (V1.01)
Message-ID: <2A2F4DB5ADF@daphne.rrze.uni-erlangen.de>

From: sz0026@daphne.rrze.uni-erlangen.de (Richard Hieber)
Newsgroups: rec.radio.amateur.misc,rec.radio.info
Reply-To: Richard Hieber <sz0026@daphne.rrze.uni-erlangen.de>

Archive-name: radio/ham-radio/qrp/qrp-clubs-list
Followup-To: poster
Last-Updated: 1995/10/16

----- Begin of the QRP Clubs List -----

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THE QRP CLUBS LIST

The QRP Clubs List
Version 1.01
October 16, 1995

Compiled by Richard Hieber, DL8MFQ/AA8CP.
Email: <sz0026@daphne.rrze.uni-erlangen.de>
Packet: [dl8mfq@db0sif.deu.eu]

~Subject: The contents:

This file contains information about the following QRP clubs:

- o 9A-QRP Club
- o Arbeitsgemeinschaft CW / Activity Group Telegraphy (AGCW-DL)
- o QRP Club ARI
- o QRP Amateur Radio Club International (QRP ARCI)
- o Benelux-QRP Club
- o Grupo-QRP do Brasil
- o QRP Club of British Columbia (BC QRP)
- o QRP Society of Central Pennsylvania (QSCP)
- o Cleveland QRP Amateur Radio Club
- o Colorado QRP Club (CQC)
- o CW Operators QRP Club
- o Durham Region QRP Club
- o EA QRP Club
- o G-QRP Club (G-QRP-C)
- o GW QRP Club
- o Italian QRP Club (I QRP)
- o JARL QRP Club (JA-QRP)
- o MFJ 90's Radio Club
- o Michigan QRP Club (MI QRP, M-QRP)
- o The QRP Club of New England (NE QRP)
- o The QRP Club of Northern California (NorCal QRP)
- o NorthEastern Illinois QRP Society (NEIQS)
- o The NorthWest QRP Club (NW QRP)
- o NorthTexas QRP Club (NorTex, NQC)
- o OK QRP Club (from the Czech Republic)
- o Oklahoma QRP Club (OK QRP)
- o St. Louis QRP Society (SLQS)
- o U-QRP Club
- o WI QRP Club
- o YO-QRP Club
- o ZS-Algoa QRP Group

The ordering of this list is somewhat arbitrary though it tries to follow the alphabet :-). No weighing is intended.

Two list entries here are somewhat special:

- The "MFJ 90's Radio Club" is focussed on the MFJ 90xx series of QRP transceivers but not affiliated with the company. Rather than being a club it is more a newsletter and its readership.
- The "AGCW-DL" is not a QRP club but rather a CW club. It is in the list because of its strong QRP activities and because there is no dedicated German QRP club.

In addition to all that you'll also find information about defunct clubs and newsletters, ceased activities, 'unofficial' groups and a small paragraph about the world famous IQ (Internet QRP-L) Club ;-)

Spelling and punctuation tries to follow European standards.

 ~Subject: The format:

ABBR: Abbreviation
 FULL: Full name
 PRES: Club President
 ADDR: Contact address for membership and info
 SINC: In existence since ...
 COST: Membership cost (yearly)
 NEWS: Club newsletter, name and frequency
 NUMB: Current membership numbers (approximately)
 MEET: Regular meeting
 QNET: QRP nets, 'on the air' meetings
 PROJ: Previous and current projects
 TEST: Contests, activity periods
 AWRD: Awards
 COMM: Comments

The NUMB entry is only meant to give a rough indication about how big the club is. The numbers given are not precise and cannot be. The number of active members is not equal to the last issued membership number - some former members are SK now or have left the club. A good indication of active membership numbers is the number of people that subscribe to the club newsletter.

The PROJ entry isn't meant to be a listing of all the building projects that any club member has ever done. Rather it should list all the projects that were designed by a club member, were realized by several others and are available as a circuit diagram, kit or whatever. This entry shows you where household names like 'Epiphyte' or 'Sierra' originated.

Similar story with the TEST entry: It is not a list of activities the particular club *participates* in, but rather a list of activities that *originate* within the club. There is not space enough to give details. By supplying the name everybody can see that a special activity exists which will give him the starter to ask for more information.

I would like to have the information about every club as complete and up-to-date as possible. If you know about changes please notify me; my address is at the end of this file.

Addresses in <brackets> are Internet email addresses; those in [brackets] are valid in the Amateur Packet Radio network.

~Subject: The list:

ABBR: 9A-QRP
FULL: 9A-QRP Club
PRES: Mladen Buzic, 9A3FO
ADDR: 9A-QRP Club
 Franjevacica 5,
 42220 Novi Marof
 CROATIA
 phone: 042 612 400
SINC: April 10th, 1994
NUMB: 8
MEET: every last friday of the month at abt 20:00 UTC

~~~~~

ABBR: AGCW-DL  
FULL: Arbeitsgemeinschaft CW (Activity Group Telegraphy)  
PRES: Martin Hengemuehle, DL5QE  
ADDR: Service-Referat:  
      Tom Roll, DL2NBY  
      Richard-Wagner-Str. 11  
      90513 Zirndorf  
      GERMANY  
      Sekretariat:  
      Klaus Schlich, DL3KDT  
      Scheuerhecker Str. 3  
      53902 Bad M|nstereifel  
      GERMANY  
QRP: <p695ksc@mpifr-bonn-mpg.de>

Ha-Jo Brandt, DJ1ZB  
Eichenweg 7  
84160 Frontenhausen  
GERMANY

SINC: 1971  
COST: 15,- DM  
NEWS: "AGCW-DL INFO", two times a year  
NUMB: 2.350 (assigned membership numbers)  
1.900 (subscribed to newsletter)  
QRP-friends: > 100  
MEET: each year at Easter in Buedingen (Hessen, Germany)  
TEST: AGCW-DL-QRP/QRP-Party, QRP-Winter-Contest, QRP-Summer-Contest  
AWRD: QRP-CW-500, QRP-CW-250, QRP-CW-100  
COMM: \*NOT\* a QRP club, but has a strong QRP section!  
Virtually every AGCW contest has a QRP class. The listed ones  
are \*pure\* QRP contests.

~~~~~

FULL: QRP Club ARI
ADDR: Sandro Santucci, I0SKK
Via Simon Boccanegra 8
Rome 00162
ITALY

~~~~~

ABBR: QRP ARCI  
FULL: QRP Amateur Radio Club International  
PRES: Buck Switzer, N8CQA <N8CQA@aol.com>  
ADDR: USA:  
ARCI  
c/o Mike Bryce, WB8VGE <73357.222@CompuServe.COM>  
2225 Mayflower NW  
Massillon, OH 44647  
USA  
  
GB:  
Dick Pascoe, G0BPS <dick@kanga.demon.co.uk>  
Seaview House  
Crete Road East  
Folkestone, Kent CT18 7EG  
ENGLAND

SINC: 1961, adopted the 'true QRP' power limit of 5 watts in 1979  
COST: USA: \$12 new member, \$10 renewal



DX: \$14 (7 Pounds) new member, \$12 (6 Pounds) renewal  
 NEWS: "QRP Quarterly" (QQ), quarterly (January, April, July, October). Mike Bryce may have sample copies in return for \$2.  
 NUMB: 8.800 (assigned membership numbers)  
 1.500 (subscribed to newsletter)  
 MEET: de facto annual meeting at Dayton  
 QNET: ARCI sponsored nets:  
 Transcontinental Net (TCN) : Sunday, 23:00 UTC, 14.060 MHz  
 Western States Net (WSN-80): Thursday, 04:00 UTC, 3.558 MHz  
 Western States Net (WSN-40): Saturday, 17:00 UTC, 7.039 MHz  
 Southeast Net (SEN) : Wednesday, 01:00 UTC, 7.030 MHz  
 if conx are poor then QSY: Wednesday, 01:30 UTC, 3.535 MHz  
 Gulf States Net (GSN) : Thursday, 02:00 UTC, 3.560 MHz  
 Great Lakes Net (GLN) : Thursday, 02:00 UTC, 3.560 MHz  
 Northeast Net (NEN) : Saturday, 13:00 UTC, 7.040 MHz  
 Western States Net (WSN) : Saturday, 16:00 UTC, 7.040 MHz  
 Adjust all UTC times to 1 hour earlier when local time switches to Daylight Savings Time in spring.  
 PROJ: Twofer Transmitter (in the 80's)  
 TEST: Spring QSO Party, Fall QSO Party, a variety of sprints for both CW and SSB  
 AWRD: QRP-25, WAC-QRP, WAS-QRP, DXCC-QRP, 1000-mile-per-watt (km/W), QRP-NET (QNI-25)  
 COMM: The QRP ARCI promotes on the air QRP operation, the use of designated QRP calling frequencies, regular QRP nets, and a program of QRP operating awards and contests. Oldest organisation of its kind; but since the 5 watts power limit was adopted only later, the G-QRP Club is arguably the first real QRP club still in existence.

~~~~~

ABBR: BQC
 FULL: Benelux-QRP Club
 PRES: Robert van der Zaal, PA3BHK
 ADDR: P.O.Box 15
 NL-2100 Heemstede
 The Netherlands
 SINC: 1977
 COST: In Holland: HF1 15 (Postgiro 1994925 for Penningmeester Benelux, QRP-club, Haarlem)
 In Belgium: BEF 300 (Postgiro 000-0789637-57 for E. Smekens, ON4ASE, Mercatorlaan 46, B-3150 Haacht)
 NEWS: "Benelux QRP Club Nieuwsbrief", in dutch with a short english summary of the main articles, published quarterly, about 50 pages.
 NUMB: 550 subscribers, 750 assigned membership numbers

MEET: General meeting in September + camping weekend in June
QNET: CW : Sundays, 11:00 am local time, 3560 kHz
SSB: Saturdays, 10:30 am local time, 3795 kHz
TEST: BQC Activity week (end of december); BQC marathon
AWRD: Worked BQC
COMM: Benelux = active in BELgium, the NEtherlands, LUXemburg.
Most members from PA, some from ON, and to a lesser percentage
from other countries. The club runs a small pcb and copy
service.

~~~~~

FULL: Grupo-QRP do Brasil  
ADDR: P.O.Box 700  
28600 Nove Fribargo  
Rio de Janeiro  
BRASIL

~~~~~

ABBR: BC QRP
FULL: QRP Club of British Columbia
PRES: Derry Spittle, VE7QK
ADDR: 1241 Mount Crown Road,
North Vancouver,
BC V7R 1R9 Canada
<jds@freenet.vancouver.bc.ca>
[VE7QK@VE7KIT.#VANC.BC.CAN.NA]
SINC: 1984
COST: \$5.00
NEWS: Four Newsletters/year following each meeting. These are mailed to
members and posted on the Internet (QRP-L) and packet (QRP@USA)
NUMB: 35
MEET: Quarterly lunch meetings alternating between the Lower Mainland
and Vancouver Island
QNET: Currently three SSB nets daily. At 1600 & 1900PST on 3729KHz
At 2230PST on +/-3760KHz with NorCal hams. Subject to change
with propagation.
PROJ: Epiphyte, Neomyte and other SSB Transceiver projects.
Construction articles have appeared in QRPP (NorCal Journal)
and SPRAT (G-QRP Club Journal)
TEST: (Participation in NorCal and ARCI contests only)
AWRD: ---
COMM: Focuses on the design and construction of QRP SSB transceivers.
Club is affiliated with NorCal (QRP Club of Northern California)

~~~~~

ABBR: QSCP  
FULL: QRP Society of Central Pennsylvania  
PRES: John Jaminet, W3HMS (Tech); Bob Wicks, W3HAH (Admin)  
ADDR: Cameron Bailey, KT3A <KT3A@aol.com>  
PO Box 173  
Mount Wolf, PA 17347-0173  
USA  
SINC: 1993  
COST: US: \$4.00 for the newsletter  
NEWS: "QRP Gazette", bimonthly, abt 4 pages.  
NUMB: 20  
MEET: Monthly, third Monday at 7 p.m. For confirmation on meeting  
times/places call Bob Wicks, W3HAH (717)486-3241 or email  
<KT3A@aol.com>.  
PROJ: SWR Meter  
TEST: Regular field operations as a group.  
AWRD: ---  
COMM: Meetings 98% technical/operational - Admin 2%.  
Serving the needs of local QRP'ers in Central PA.

~~~~~

FULL: Cleveland QRP Amateur Radio Club
ADDR: Bruce A. Wright, N8MWL
P.O. Box 14052
410 Superior Ave.
Cleveland, OH 44114-9998
USA
SINC: 1993
COST: ---
NEWS: ---
COMM: Still alive?

~~~~~

ABBR: CQC  
FULL: Colorado QRP Club  
PRES: Rich High, WOHEP <WOHEP@aol.com>  
ADDR: Colorado QRP Club <CQC@aol.com>  
740 Galena Street [WOHEP@kt0h.#neco.co.usa.noam]  
Aurora, CO 80010-3922  
USA  
Tel. 303-344-1220 (answering machine)

Fax: 303-344-0741

Membership info:

CQC

<WUOL@aol.com>

c/o Mark Meyer

14153 West First Drive

Golden, Colorado 80401

USA

SINC: January 1994

COST: US: \$10.00

NEWS: "The Low Down", bi-monthly

NUMB: 178

MEET: bi-monthly (Jan., Mar., May, July, Sept., Nov.)

QNET: Local interest in QRP stimulated by weekly Monday night CQC  
QRP Information Net held on linked 2 meter repeaters in  
Denver and Colorado Springs covering Cheyenne, WY to Pueblo,  
CO (200 miles). (8:00 pm, 147.225, 145.160, simplex: 146:445)

TEST: Winter QSO Party (Feb.), Summer QSO Party (Aug.)

AWRD: Colorado QRP Counties Award (Info: Jim Pope, KG0PP <EJim@aol.com>)

COMM: QRP programs are also given to other area ham clubs.

~~~~~

FULL: CW Operators QRP Club

PRES: Barry Samuel, VK5BLS

ADDR: Kevin Zietz, VK5AKZ

41 Tobruk Ave.

St. Marys, SA 5042

AUSTRALIA

SINC: December 1983

COST: VK: A\$10, ZL: A\$12, DX: A\$14

NEWS: 'Lo-Key', quarterly (March, June, Sept., Dec.)

NUMB: 440 assigned numbers

>300 subscribed to newsletter

QNET: CW QRP net (weekly, Tue 0930UTC)

SSB QRO net (weekly, Fri 1030UTC)

PROJ: 'Club Communicator' 80m 4w CW transmitter

'TCF Transceiver' 80m 3w SSB/CW transceiver

TEST: 'QRP CW scrambles' (monthly, 1.5Hr duration)

'QRP Weekend' (June each year, 32Hr duration)

AWRD: 'Max Brunger Award for Best Technical Article' - an annual award for
articles published in 'Lo-Key'. Max Brunger was a founding member.

COMM: The club actively promotes homebrew QRP CW activity in the
region with an informative newsletter, regular nets and
contests and a kits and components supply service. Bill Kelsey,
N8ET, <kanga@brutus.bright.net>, takes stateside subscriptions.

~~~~~

FULL: Durham Region QRP Club  
ADDR: Durham Region QRP Club  
c/o Jim Wilson  
788 Edgewood Road,  
Pickering, Ontario  
L1V 2Z9  
CANADA  
MEET: on the 3rd Tuesday of the month, at Centennial College,  
Progress Campus, in Scarborough, Ontario (Highway 401 and  
Markham Road), meeting in the electronics lab on the 3rd  
floor, "D" Wing, 7:30 p.m. Informal, with a member-selected  
topic announced in advance.  
QNET: CW net Wednesdays, 8:00 pm local time, 3535 kHz; afterwords  
FM ragchew (approx. 8:30 pm local time) on repeater VE3PIC  
146.670 MHz minus offset. The club call for the net is VE3QDR  
(Qrp Durham Region). Check-ins strongly encouraged!  
TEST: We operate Field Day from a member site near Tyrone, Ontario.  
COMM: Serving qrp interests in the Toronto Metropolitan area, as  
well as Durham Region and surrounding areas. We invite  
communications and queries from all amateurs in Ontario and  
Canada interested in QRP.

~~~~~

FULL: EA QRP Club
ADDR: Secretaria del EA QRP Club
Sr. Miguel Montilla Guerrero, EA3EGV
Pau Abad, 15 3 1
E-08207 Sabadell / Barcelona
SPAIN
SINC: November 1993
COST: Europe: USD 11
NEWS: "QU-R-PE", in Spanish, quarterly
NUMB: 150
COMM: The now defunct EA8 QRP-DX Club has been a predecessor of
this club.

~~~~~

ABBR: G-QRP-C  
FULL: G-QRP Club  
PRES: Rev. George Dobbs, G3RJV <g3rjv@gqrp.demon.co.uk>

ADDR: The G-QRP Club <g3rjv@gqrp.demon.co.uk>  
Rev. George Dobbs, G3RJV  
St. Aidan's Vicarage  
498 Manchester Road  
Rochdale, Lancs OL11 3HE  
UK  
Tel/fax: 0706 31812 (+44 706 31812)

There are local representatives in

AUSTRIA:

Johann Auerbaeck, OE6JAD  
Kirschenhofersolg. 120  
A-8241 Dechantskirchen  
Tel. 3339-23335

BELGIUM:

Rene Anrijs, ON4KAR  
Fonds des Vaulx 69a  
B-5640 Biesme-Mettet  
Bank Account: 250-0062335-49  
Tel. 071/ 726039

FRANCE:

Jean-Michel Yeromonahos, F50Q0  
2, Allee d'Hamadan  
91400 Orsay

GERMANY:

Rudi Dell, DK4UH  
Weinbietstr. 10  
W 67459 Bohl-Iggelheim  
Tel. 06324/64116

NEW ZEALAND:

Mike Sheffield, ZL1ABS  
176 Albany Highway  
Albany  
Auckland 1331

THE NETHERLANDS:

Peter Halpin, PE1MHO  
Ch. Kohlerst. 69  
Tel. 074 771832  
Postgiro 2730858  
7558 VB HENGEL0

USA:

G-QRP Club  
Mike Kilgore, KG5F  
2046 Ash Hill Rd.  
Carrollton, TX 75007

SINC: 1974

COST: UK: 6 Pounds

abroad 6 Pounds or \$14

At local representatives:

DL: DM 18

F: Frs 60

ON: BEF 350

PA: HFL 21.50

USA: \$ 12

ZL: NZ\$ 15

All cheques must be made payable to "G-QRP CLUB".

Payments on Mastercard/Access and Visa possible.

NEWS: "SPRAT" (Small Powered Radio Amateur Transmitter), quarterly,  
abt 40 pages. Bylaws specify that SPRAT shall always contain  
at least 60% technical material.

NUMB: 8.000 (assigned numbers)

4.500 (currently subscribed to newsletter)

MEET: Mini-Convention in Rochdale (QTH of G3RJV),  
Yeovil QRP and Construction Convention, Summer QRP Party,  
German section: in Koenigswusterhausen in October,  
in Pottenstein in May

PROJ: Sudden Receiver, GQ Transceiver Kits

TEST: Winter Sports

AWRD: QRP-WAC, QRP-Master, QRP-Countries, Worked G-QRP Club, Two-way  
QRP, CW Novice,  
Chelmsley Trophy, Suffolk Trophy, G4DQP Trophy, Partridge  
Trophy, G2NJ Trophy

COMM: The largest QRP club in the world, by active membership  
numbers! The Club is also a prolific book producer, most of  
which are available from the RSGB.

~~~~~

ABBR: GW QRP

FULL: GW QRP Club

ADDR: Leighton Smart

GW0LBI

33 Nant Gwyn

Trelewis

Mid Glamorgan

Wales

SINC: June 1994

COST: ---
NEWS: quarterly newsletter; send a minimum of 6 2nd class stamps to
cover the cost
COMM: The club is of an informal nature - no subscription, no
structures, etc.

~~~~~

ABBR: I QRP Club  
FULL: Italian QRP Club  
PRES: No president, but four signatory members:  
Arnaldo Bollani, IK2NBU: kits, schemes, antennas, homebrewing.  
Giampietro Gozzi, IK2VTU: books, technical info, schemes.  
Marcello Surace, IK7HIN: awards, contests.  
Franz Falanga, I7FFE: new members, club info, newsletter.  
ADDR: Franz Falanga, I7FFE [i7ffe@ik7nxq.ipug.ita.eu]  
P.O.B. 243  
70059 Trani (BA)  
ITALY  
SINC: October 8th, 1994  
COST: No money, only IRC, stamps, SAE, SASE for the correspondence.  
NEWS: Quarterly newsletter since July 1995.  
NUMB: 169  
MEET: Not yet fixed, but a first meeting is planned.  
QNET: A net will crystallize from little on-the-air activities.  
Nothing fixed yet.  
TEST: QRP Spring Test  
AWRD: I QRP Club Award (IQCA); QRP section in the WAIP (Worked All  
Italian Provinces) award of the ARI  
COMM: No president, no secretary, no subscriptions dues.  
If you want to contribute to the I QRP Club you are welcome.  
Packet Radio server at [IQRP@IK7NXQ.IPUG.ITA.EU]

~~~~~

ABBR: JA-QRP Club
FULL: JARL QRP Club
PRES: Takahisa Masuzawa, JH1HTK
ADDR: PO Box 9
Tsubata
Ishikawa
929-03
JAPAN
SINC: 1956
COST: 3 000 yen (abt. 30\$ US)
NEWS: "THE QRP NEWS" (in Japanese)

NUMB: 100
MEET: general meeting in May
QNET: Sundays, 11:00-11:30 UTC and 23:00-23:30 UTC,
7003 KHz and 7013 KHz, CW only.
PROJ: planning to produce a "QRP Handbook" for beginners
TEST: JARL Contests with low pwr category (?)
AWRD: QRP 100 Stations/W, 1000 km/Total Power

~~~~~

FULL: MFJ 90's Radio Club  
ADDR: Joe Falcone, AA8HV, Editor  
3000 Town Center, Suite 2370  
Southfield, MI 48075  
USA  
SINC: 1993  
COST: None. The editor asks for articles from the users.  
NEWS: "The Nineties", 6 to 10 issues annually.  
Concentrating on the MFJ 90xx series of TRXes.  
NUMB: abt 150  
COMM: The MFJ club is not affiliated with the company. It was  
started and is being run by Joe Falcone as a non-profit  
service. Latest news had Mr. Joseph Falcone stating that due  
to other personal commitments he would no longer be able to  
publish the MFJ 90's newsletter and is looking for someone to  
take it over.

~~~~~

ABBR: MI QRP, M-QRP
FULL: Michigan QRP Club
PRES: Lowell D. Corbin, KD8FR <KD8FR@aol.com>
ADDR: L.T. Switzer, N8CQA <N8CQA@aol.com>
Michigan QRP Club
654 Georgia Ave
Marysville, MI 48040
USA
SINC: January 19, 1978
COST: US: \$7 new member, \$5 renewal; DX: \$12 new member, \$10
renewal
NEWS: "The Five-Watter" (T5W), abt 20 pages, quarterly, all
original articles
NUMB: approx. 1300-1400
MEET: 1st Sat. each Month, 10am, Country Jim's Rest. Davison, MI
QNET: MI-QRP Net, Tuesdays eves 9pm EST & ESDT, 3.535 MHz
PROJ: ---

TEST: Michigan QRP Club Contest (MI QRP Test)
AWRD: Net Check-In Certificate
COMM: Very cool pins (\$5) and coffee mugs (\$7) available. Shares
table with G-QRP and ARCI at Dayton. You can start a local
"chapter" in your neighborhood, details via Buck N8CQA.

~~~~~

ABBR: NE QRP  
FULL: The QRP Club of New England  
ADDR: Jack Frake, NG1G  
PO Box 93  
Barnard, VT 05031  
USA  
SINC: 1991  
COST: US: \$10 new member, \$7 renewal; outside USA pse add \$5.  
NEWS: "72", quarterly  
NUMB: 210  
QNET: NE QRP SSB Net, 02:00 UTC Tuesdays, 3.855 MHz  
PROJ: 79er transmitter, NE40-40, NE30-40  
TEST: QRP-Afield, 79er Colorburst Sprint  
COMM: The club project: The idea was 40 meters for \$40, and 30  
meters for \$40, hence the names.  
QRP-Afield is a terrific little contest that takes home-brew  
rigs out into the field to be used the way they were designed  
to be used.

~~~~~

ABBR: NorCal QRP
FULL: The QRP Club of Northern California
PRES: Doug Hendricks, KI6DS, <dh@deneb.csustan.edu>
ADDR: Jim Cates, WA6GER
3241 Eastwood Rd.
Sacramento, CA 95821
USA
SINC: June 1993
COST: Membership is free but subscription to newsletter is not.
US: \$10; Canada: \$15; DX: \$20 (airmail)
NEWS: "QRpp", quarterly (March, June, September, December), SPRAT
size, abt 72 pages
NUMB: > 1.000
QNET: ---
PROJ: Sierra, NorCal-40(a)
TEST: Spring QRP to the Field
COMM: Yearly club projects, monthly meetings, small get togethers.

Membership numbers are growing really fast!
Make checks out to Jim Cates, not NorCal!

~~~~~

ABBR: NEIQS  
FULL: NorthEastern Illinois QRP Society  
ADDR: Don Kozlovsky, KE9GG  
28 W 256 Purnell Rd.  
West Chicago, IL 60185  
USA  
SINC: 1991  
COST: ---  
NEWS: "NEIQS Newsletter", quarterly (SASE)  
NUMB: 85  
QNET: NEIQS Net, 02:00 UTC Wednesdays, 3.560 MHz

~~~~~

ABBR: NW QRP
FULL: The NorthWest QRP Club
PRES: Bill Todd, N7MFB, [N7MFB@N7FSP.#WWA.WA.USA.NOAM], <nwqrp@scn.org>
ADDR: NW QRP Club <<http://www.scn.org/scripts/menus/n/nwqrp/nwqrp.menu>>
PO Box 354
Bay Center, WA 98527
USA
SINC: 1992
COST: To join US:\$10 CAN:\$12 DX:\$15, no annual dues
NEWS: "The NWQ Newsletter", bi-monthly, abt 8 pages
NUMB: 380 (10/95)
MEET: 3rd Sat in Feb, Apr, Jun, Aug, Oct & Dec at Andy's Diner on
4th Ave. S. in Seattle
QNET: NW QRP Net, 0300 UTC (0200 Daylight Time) Tuesdays 10.123 MHz
1530 UTC (1430 Daylight Time) Saturdays 3.561 MHz
or 7.035 MHz
PROJ: ---
TEST: Winter Sprint on 3rd Sat in Jan
AWRD: The "Norwester" for contacting 25 NW QRP Members (bonus for 50)

~~~~~

ABBR: NorTex QRP (NQC)  
FULL: NorthTexas QRP Club  
PRES: Chuck Adams, K5FO, <[adams@chuck.dallas.sgi.com](mailto:adams@chuck.dallas.sgi.com)>  
MEET: NORTEX meets every 1st Saturday of the month at 10 AM. The

meetings are held at Chuck Adams' (K5F0) place of business in Addison, TX. Directions to the meeting are: First floor of the building on the southeast corner of Arapaho and Addison Rd. It's one block north of Beltline. Quorum Centre is the name of the building - three stories glass and brick. Come into the main entrance and follow the signs to the SGI Training room.

~~~~~

ABBR: OK QRP
FULL: OK QRP Club
PRES: Petr Doudera, OK1CZ
ADDR: Petr Doudera, OK1CZ
U 1.baterie 1
162 00 Praha 6
CZECH REPUBLIC

There are contacts to a Slovak QRP group:
QRP rubric
Roman Vavro
Latoricka 15
821 07 Bratislava
SLOVAKIA

SINC: 1984 (?)
COST: 15 IRC's or \$10, DM 15, 5 GB Pounds. IRC's preferred.
NEWS: "OK QRP INFO" (OQI), quarterly, has English translations for most of the text, SPRAT-size, abt 30 pages
NUMB: 200
TEST: Europe for QRP Weekend, CZEBRIT, QRPP Activity Day
AWRD: Worked OK-QRP Club Award
COMM: Not to be confused with the Oklahoma QRP club!

~~~~~

ABBR: OK QRP  
FULL: Oklahoma QRP Club  
ADDR: Don Kelly, KA5UOS  
703 West 8th St.  
Edmond, OK 73003  
USA  
SINC: 1988  
COST: \$10  
NEWS: "Oklahoma QRP", quarterly but somewhat irregular. Backissues available.

NUMB: 120  
QNET: Oklahoma QRP Net, 13:30 UTC Sundays 7.060 or 3.560 MHz  
COMM: Not to be confused with the OK QRP Club in the Czech Republic!  
All newsletter articles include a basic understanding of how  
each circuit functions. "Our aim is to help the new ham make  
the transition from kits to scratch homebrew."  
Don Kelly is not the editor of the club newsletter  
any more - he has turned that over to somebody else, but will  
probably resume after finishing school.

~~~~~

ABBR: SLQS
FULL: St. Louis QRP Society
PRES: Andy Becker, W0NVM
ADDR: c/o Keith Arns, KC0PP
2832 Penbrooke Lane
St. Charles, MO 63301
USA
SINC: November 1987
COST: \$12.00
NEWS: "The Peanut Whistle", monthly
NUMB: 40-45
MEET: Third Wednesday of each month, at Florissant Valley Community
College
QNET: First Wednesdays of the month, 8:00 p.m., on the 145.33 (-600)
repeater.
PROJ: "St. Louis Tuner", "St. Louis Amp" by the end of 1995. Many
club generated kits, mostly reproductions of other designs,
for club members only.
TEST: Homebrew Competition (in January)
AWRD: Annual Member's Service Award
COMM: Events: Field Day, Fall Outing, Tailgate Sale, Annual Dinner
Meeting.
SLQS is a *local* club. Members wishing to join should live in
our immediate metropolitan area and are requested to attend at
least one meeting before joining.
SLQS has no by-laws, elected officers and other formalities. We
have a volunteer president or "master of ceremonies" and a
volunteer treasurer.

~~~~~

ABBR: U-QRP  
FULL: U-QRP Club  
ADDR: P.O. Box 100

Saransk - 31  
RUSSIA 430031  
NEWS: The newsletter is in Russian.

~~~~~

ABBR: WI QRP Club
ADDR: WI QRP Club
PO Box 111
Brandon, WI 53919-0111
USA
COST: Dues voluntary - \$5 to \$10 suggested.
COMM: Is this club still alive? (Probably not - didn't get off the
ground ...)

~~~~~

FULL: YO-QRP Club  
SINC: 1991  
NUMB: 90

~~~~~

FULL: ZS-Algoa QRP Group
ADDR: Walde M. Bartie, ZS2WM
Algoa Branch SA Radio League
P.O.Box 10050
Linton Grange
Port Elisabeth 6015
South Africa

~Subject: Defunct clubs and newsletters, ceased activities:

- o QRP society of Great Britain (1949-1964?)
- o Pacific Amateur Radio Group (PARG, ?)
- o Illinois QRP Society (ILQRPS) (?)
- o "K5FO QRP newsletter" (1994)
- o "The Milliwatt" (1970-1975)
- o EA8 QRP-DX Club

~Subject: 'Unofficial' groups:

- o The DRAGONSLAYERS QRP Group

This is mainly a Dutch group of amateurs with guest members from two other countries only. Dick Pascoe, G0BPS, is the only British member. Three Germans are also members being a family, husband, wife and son. There are no membership fees, no magazine, no contests etc, just a group of friends. Membership is by invitation only!

- o Zuni Looper Mountain Expeditionary Force

This is a local gathering of QRP ARCI members in Southern California, who operate Field Day with QRP; the name refers to the particular part of the State or National Park they always operate from (the Zuni Loop area of the park). They are well known and admired for the *HUGE* wire antennas they erect.

- o Maryland Milliwatt Club

The club was founded in 1992 by two members. Membership is by invitation only. Mailing Address: Maryland Milliwatt Club, 3052 Fairland Rd, Silver Spring, MD 20904.

- o World QRP Federation (WQF)

The only thing I know is that Gus, G8PG is president. I suppose it's a kind of QRP cover organisation. Can anyone give more info on this?

- o The WVQRP Commandos

- o The LIMARC QRP Heavy Hitters
(LIMARC = Long Island Mobile Amateur Radio Club)

- o Old Coots QRP Group

~Subject: Acknowledgments:

I was using the club list maintained by Bill Kelsey, N8ET, as a basis for this list. Much later when perusing the QRP-L archives I discovered that Chuck Adams, K5F0, had already compiled a list which contained clubs that I didn't know about. Additional information came from other contributions to QRP-L and from assorted printed material,

most notably publications of the G-QRP Club. Thanks for very helpful contributions and corrections from (sorted by callsign):

Predrag,	9A3ZI,	[9A3ZI@9A1CRA.HRV.EU]
Guenter,	DL2LBF,	[dl2lbf@db0hro.deu.eu]
Goran Hosinsky,	EA8YU,	<goran@royac.iac.es>
Dick Pascoe,	G0BPS,	<dick@kanga.demon.co.uk>
Hidehiko Komachi,	JA9MAT,	[ja9mat@ja9ihi.jpn.as]
Chuck Adams,	K5FO,	<adams@chuck.dallas.sgi.com>
Rich,	K7YHA,	<K7YHA@aol.com>
Cameron Bailey,	KT3A,	<C=BAILEY%IS%211EIS@PAMDT.ANG.AF.MIL>
Peter Calcandy,	N2KPY,	<pcalcand@sescva.esc.edu>
Bill Todd,	N7MFB,	[N7MFB@N7FSP.#WWA.WA.USA.NOAM] <nwqrp@scn.org>
Buck Switzer,	N8CQA,	<N8CQA@aol.com>
Bill Kelsey,	N8ET,	<N8ET@delphi.com>
David Gauding,	NF0R,	<nfor@slacc.com>
Walter Palings,	ON7PX,	<Walter.Palings@belspo.be> [on7px@on4cp.vbt.bel.eu]
Mike Perry,	PA3ASC,	<PA3ASC@mailbox.hol.nl>
Charlos Potma,	PA3CKR,	<charlos@rivm.nl>
Brien Pepperdine,	VE3VAW,	<pepperb@gov.on.ca>
John D. Spittle,	VE7QK,	<jds@freenet.vancouver.bc.ca>
David Taylor,	VK3JKP,	<david@rmit.edu.au>
Rich High,	W0HEP,	<W0HEP@aol.com>
L.B. Cebik,	W4RNL,	<cebik@utkvt.utk.edu>
Byron,	WA8LCZ,	<Byron8LCZ@aol.com>
Mike Czuhajewski,	WA8MCQ,	<Mike.Czuhajewski@hambbs.wb3ffv.ampr.org>
Paul,	WB8ZJL,	<prvalko@vela.acs.oakland.edu>

Special thanks go to one great club that hasn't been mentioned yet, and this file would not exist if the net did not exist:

- o The Internet QRP-L Club (INET QRP, short IQ ;-))

Members meet constantly on a facility called the QRP-L mailing list. Send mail to <listserv@lehigh.edu> with the following commands in the body of the message (the subject is ignored)

To subscribe: subscribe qrp-l Your_Name Your_Call
To unsubscribe: unsubscribe qrp-l
For more information: help

To send a message to the list, mail it to <qrp-l@lehigh.edu>.

~Subject: Legalese:

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The editor makes no guarantee as to the usefulness of the information provided herein. The editor takes no responsibility for any damages resulting from the information provided in this list. If you are in doubt, please post a question to the QRP-L mailing list or ask your local elmer :-)

~Subject: Update information:

I intend to make this list up to date and as complete as possible. For this I need your help.

If you find outdated information or errors in this list, please let me know. If you know of any QRP club that you feel should be in this list, then let me know, too. The same applies if you have ideas on how to improve this list. Since English is a second language to me, I'd also be grateful for hints on mistakes with grammar or vocabulary. Please note that I try to stick to European conventions in spelling and punctuation 'cause this is what I learned in school.

For the most up-to-date copy of this list, send email to <sz0026@daphne.rrze.uni-erlangen.de> or a packet radio message to [dl8mfq@db0sif.deu.eu].

```

                                     \\|//
                                     (^ ^)
+-----o00--(_)--00o----+
| Vy 72 de Richard (DL8MFQ @ DB0SIF.DEU.EU) in Erlangen |
+-----+
alias AA8CP          G-QRP #7417          AGCW-DL #2168
Internet: <sz0026@daphne.rrze.uni-erlangen.de>
```

----- End of The QRP Clubs List -----

--
Richard Hieber, DL8MFQ/AA8CP
sz0026@daphne.rrze.uni-erlangen.de

From qrp-1@lehigh.edu Tue Oct 17 14:35:00 1995
From: George.Gingell@bbs.abs.net (George Gingell)
Subject: [4341] QRP CONTEST
Message-ID: <1995Oct17.091748.18618@abs.net>

QRP ARCI Fall QSO Party vs PA QRM Party, or Who picked this date?

I wonder if we could get them to use a different spot next time?
Say 50 or 30 up, instead of 40 up. The only other recourse is to convince our gang to USE the VFO more. Some of ours were scattered nicely, but as always many seem to think that 7.040 is the ONLY QRP frequency we are allowed to use.

I managed to squeeze in 7 1/2 hours this weekend in spite of the conditions and other obligations. I had 100 QSOs, Only 95 were Valid, (A few Dupes & QRMd Contacts). I had 401 Points, 36 SPC, X 10 Multiplier for a Total of 144,360 for my Low Band (80/40) effort.

I don't have all the reports from the rest of The Maryland Milliwatt Team yet.

I know at least 4 of us got on the air and made some noise.

The Team this year was K3TKS-Danny, WA8MCQ-Mike, W6TOY-Bruce, W03B-Bob, and WA4KAC-Walt. Thanks guys for a nice job. At least we made an effort.

I want to thank John, WB7EEL/1 and Ralph, AA6UL/4 for the contacts in spite of the fact that they were not operating from their home QTHs. I could have used the Multipliers. I guess the Propagation God's were not really with us this time, never the less, never give up hope. Anything Can and Will happen during a QRP Contest. You must have a pure heart and be a true believer...

I would also like to remind everyone that all QSOs made during the first hour of the contest will receive credit for Checking into the QRP ARCI NEN which is held at 1200Z (8 am EDT/EST) on 7.040 EVERY Saturday Contest or Not. All are welcome, Members or Not. We even accept QRO (If you must).

QRP DX TU (C) 1986, G.Danny Gingell,K3TKS@bbs.abs.net
Director & QRP Net Manager QRP ARCI and Founder of Maryland Milliwatt Club.

--

George Gingell, user of the UniBoard System @ abs.net
E-Mail: George.Gingell@bbs.abs.net

The WB3FFV Amateur Radio BBS - Located in Baltimore, Maryland USA
Supporting the Amateur Radio Hobby, and TCP/IP InterNetworking

From qrp-1@lehigh.edu Tue Oct 17 14:35:00 1995
From: Allen Jones <ajones@adsnet.com>
Subject: [4300] QRP Plus Question
Message-ID: <199510161556.KAA18995@alice.adsnet.com>

Received my new QRP+ from the latest qrp-1 group purchase last Wednesday. Went home at lunch time and made my first contact on SSB with the special events station at the Tall Stacks celebration in Cincinnati. Report was "5x9 and nice audio". Lack of a noise blanker kept me from using it for the Foxhunt Thursday evening. Had to resort to the Icom.

My question: Is there any significance to the digits that show at the far left side of the display when you change bandwidth or, I believe, the keyer speed? Couldn't find a reference to it in the manual.

Thanks & 72 . . . Allen, K9DZE
=====

Allen Jones K9DZE ajones@adsnet.com
Michigan City, Indiana EN61nq
ARCI #8797 G-QRP #8812 NorCal #1061
SWOT #1368 SMIRK #5403
=====

From qrp-1@lehigh.edu Tue Oct 17 14:35:00 1995
From: aa7qy@primenet.com (Roger Hightower)
Subject: [4333] QRP/M (I hope)
Message-ID: <199510170315.UAA17244@usr5.primenet.com>

I'm about to embark on a road trip from near Phoenix to Pittsburgh...leaving here Wed a.m. 10/18. Will stop in a KOA each night enroute...first night in Amarillo (always wanted to sign /5), next night near St. Louis, then probably Indianapolis.
I will have the NC40A and a dipole with me, and hope to be on the air abt 8-10 p.m.
each night. Hope to hear some of you.

Rats!! I see there is no fox on Thursday night..I was hoping that being in the middle of the country would help me get him. Mebbe I can fill in there just for kicks.

Will be in PA for a couple of weeks, and will work the CW SS as QRP from there (unless I get too desperate for sections and have to up the pwr).

Rob, KB3BFM: I've got your numbers, and will give you a call when I arrive. We

can swap lies or something over a wedge and a brew.

I will be off the list until I get back to my home QTH. 72 to all and hope to hear you on 40M.

72, de Roger, AA7QY (Mobile if the big magmount holds up)

From qrp-1@lehigh.edu Tue Oct 17 14:35:00 1995
From: PDouglas12@aol.com
Subject: [4299] Setup CMOS keyer
Message-ID: <951016113359_45798643@mail02.mail.aol.com>

Hi Gang,

I thought I would pass on my experience with the CMOS II keyer in the latest QRP QSO party. Contesting is much much more fun with a memory keyer, and you too can sound like a pro with one of these. If you aren't a builder, MFJ makes comparable models, starting at about \$99.00 (model MFJ-492) and on up.

But for about 50 bucks or 60 for the latest model CMOS III (don't have the address of Idiom Press handy but go back a few QSTs and find the CMOS III construction article; if you can't find it yourself, email me and I'll post it.) there isn't any excuse for not trying one of these memory keyers!

I assume you're like me. Every contact is still a little exciting, and in the excitement, I tend to make errors with my keyer. Errors are ok in a casual QSO, but they slow down my contest exchanges and make me feel inferior to those pros screaming along at 35 wpm. That's the beauty of the memory. It doesn't make mistakes with the critical data, so the other fellow has clean sending to copy for your exchange. And if you can copy the fast guy's sending, you can turn up the speed knob, so the memories send as fast as you want.

Here's how I set my four buttons:

#1. CQ CQ CQ QRP QRP de WJ2V WJ2V K

#2 UR RST /R (this is an embedded code that halts here for me to insert the RST, say 559 559, then resumes with a second touch of button #2 with:) NY NY NR ##### # # # #
(insert your ARCI number for #####, of course. Notice that the repeat of the NR has word space between digits to assist copy.

#3 ##### # # # # (just the NR here; once fast, once with more space between digits)

#4 WJ2V (my call)

In practice to answer a station calling CQ, I drop in my call by hitting button #4 once, or twice for weak sigs. When the other station comes back with his info, I send a quick "QSL es TU" then hit button #2. Wait for the keyer to pause, send the report--e.g. "559 559", then hit button #2 again.

While the keyer is finishing, I add the call to my dupe sheet (at 20 wpm, it gives me just enough time!) Now, if he misses my number, I can resend it by hitting #3--that is the most likely missed item. Otherwise, he sends "QSL TU" and we go on to the next one.

Now, I am a very middle level contester. I have done well in some easy ones, middle of the pack in my 1E division in Field Day. But I like to think I sound experienced to the really serious guys with the help of my memory keyer. I have no doubt the above system can be improved upon, as I am self-taught!

72, Preston WJ2V

From qrp-1@lehigh.edu Tue Oct 17 14:35:00 1995

From: PDouglas12@aol.com

Subject: [4338] Sierra up and running!

Message-ID: <951017000243_125677770@mail02.mail.aol.com>

Gang,

My Sierra saga began with an announcement a couple of weeks ago here on the list that an original NorCal Sierra was for sale (thanks Scott). A long distance call to the seller got me first dibs, and two days later it was here. As may happen with a club kit (you can't holler at volunteers--they don't need the job!), there were a couple of missing parts--all of which were scroungeable locally, except the oscillator N FET, which was not to be had anywhere in the Big Apple. (NYC is a royal pain since the put that stupid World Trade Center on top of Cortlandt Street, a/k/a Radio Row, situs of my boyhood dreams.) Found a schmuck (NYC talk for a moron) who told me an NTE 312 is the equivalent part, and I (equally stupid) believed him and brought one home. It shorted out the whole 8v line, and drove me half crazy till my friend Billy found the culprit was that '312.

Well, Billy got my rig back, with the short cured, but three little holes where Q3 ought to be. Ugh! But wait, what's that big box from Motorola?

Yes! Although it was the size of a Collegiate Dictionary, that big box contained four itsy bitsy sample J309 transistors. (OK, they were very very well padded!)

Down to the shack. Five minutes to heat the iron. Dig out the \$1.00 Conar Signal Generator (subject of a prior post.)

Bottom line, its up on three bands, 40, 30, and 15, with 80 and 20 to go.

Worked Jim, NU5X in Cabot Ark., just to see it go.

Am I happy? Damn right. Thanks NorCal. Super job--

72, Preston WJ2V

From qrp-1@lehigh.edu Tue Oct 17 14:35:00 1995

From: Charles Lafkoff <cgl@tenet.edu>

Subject: [4308] Stealth Antennas -- Paint

Message-ID: <Pine.OSF.3.91.951016123312.5516A-100000@Kay-Abernathy.tenet.edu>

I've been using Rustoleum Rusty Metal Primer as my "stealth" paint for poles, brackets, cables, antenna wire, etc. It has a flat dark brown color that blends well with my surroundings. However, a recent trip to my local Home Depot turned up Krylon Camouflage in green, brown, black, and khaki. I've never seen these before. They may be the answer for "blending into the background" for those of us who either choose to, or are required to, be nondescript.

--Charlie WD5GNW

From qrp-1@lehigh.edu Tue Oct 17 14:35:00 1995

From: "John A. Evans" <jaevans@cos.cst.titan.com>

Subject: [4304] Still WTB: HM9 Matching Wattmeter/SWR Meter for HW9

Message-ID: <199510161704.NAA45307@nss2.CC.Lehigh.EDU>

Well, if it weren't for bad luck, I'd have no luck at all.....

I originally posted a Want To Buy message to the list for a matching SWR/Power meter for the HW9 so I can have a reasonably complete set. A few days passed with no response. Anyway, I came in this AM and received a weekend post to the list that someone had one and would the original requester (me?) speak up since the current owner had one for me.

Well, I responded, only to learn that someone else spoke up and got it before I could respond to the owner.

Why do I post now!!! I still want one!!! If you have an HM9 wattmeter/

A few weeks ago I get another package from Mitch.

This time it is another square brass base without the mechanics, but it also has a wooden lower base outta white oak (I think). It was finished off and had a Vibroplex Plate with serial number #100901. I called Mitch back to congratulate him on the beautiful job.

Well it turns out that he made one with number 100900 which the company will keep in their museum and I got number 100901, the FIRST one to a customer. It was indeed an honor to get it. I waited this long to spring it as Mitch had some bases on order and it was going to be a while, so I didn't want to let the cat out of the bag too early. So this group is the first to know. I have photos to send to QST, but time will tell about getting them published. Another set to Ron, KU7Y.

This means that Vibroplex will announce and then start selling this new model shortly. Mitch will have to come up with some name for it and no, K5FO is not one of them. I don't have any particulars on pricing, etc. Stay tuned.

I have loaned the prototype out to a friend. I was using the Brown Brothers for the contest and Paul just a while ago was the first contact on the new Vibroplex paddle. It works great, just like the prototype of course, but stands just a little higher.

An older MFJ paddle and keyer combo went to the 14 yr old.

dit dit

--

Chuck Adams (K5FO CP-60) adams@sgi.com
Box 181150, Dallas, TX 75218-8150

From qrp-1@lehigh.edu Tue Oct 17 14:35:00 1995
From: Harry_Chase@smtpgw.windata.com (Harry Chase)
Subject: [4297] Re 28.322 MHz modules
Message-ID: <9509168138.AA813867033@smtpgw.windata.com>

I have looked at these oscillators on a spectrum analyzer too - and they are quite useful as VHF-UHF sources- Just put a bandpass filter at the desired harmonic and go. Some are quite loud up to 500 MHz!!!

Harry
WA1VVH

From qrp-1@lehigh.edu Tue Oct 17 14:35:00 1995
From: Clark Savage Turner WA3JPG <turner@safety.ICS.UCI.EDU>
Subject: [4307] Re: Backpacking with the Norcal
Message-ID: <25987.813863501@safety.ics.uci.edu>

Hi Mike:

I have done a bit of packing with the NorCal 40 up in the Sierras near Bishop, and down here near Big Bear Lake. I have similar experiences to you....I use AA alkaline batteries, but I got a 10 cell pack, figure it may last a bit longer because of the voltage curve as the batteries die. The 15 + volts seem fine with the rig. I, too, use a tuned dipole, and a straight key that is mostly plastic.

I was wondering if AA Lithiums might work well for our purposes. They are very, very light. They cost a bit, though. I want to get two 5 cell holders if I can find them and mount them right inside the NorCal 40 case for compactness. That would be almost complete, with key, antenna and earphone.

Clark
WA3JPG

From qrp-1@lehigh.edu Tue Oct 17 14:35:00 1995
From: Mike Robinson <miker@cc.com>
Subject: [4311] Re: Best coax
Message-ID: <9510161814.AA19155@voder.nsc.com>

Chuck asked me how I did it. How did I get them to allow me to put up a dipole at work.

I made 'em feel guilty. I busted my tail on a very important project, all weekend long.

The task included many data processing runs that took over an hour per run.

I told them, "I don't mind doing the work,

but it would have been nice to be able to
play radio, while the jobs are running."

My boss said, "I'll send an e-mail to facilities
to let them know what you're going to do."

Too cool.

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=====
7.3 de Michael aa0ub          | QRP:
miker@cc.com Norcal #857  CQC #180 | "UR HB 5W FB 72"
=====
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From qrp-1@lehigh.edu Tue Oct 17 14:35:00 1995
From: frank <yorks@frank>
Subject: [4335] Re: Currency Exchange
Message-ID: <otmWxBAG1\$fwEww\$@frank>

In message <951014163246_75230.1405_HHB23-1@CompuServe.COM>, Marshall
Emm <75230.1405@compuserve.com> writes
>Re: "Ted Kell" <kell@mpac.jsc.nasa.gov>
>Currency Conversion
>
>For Dollars to Pounds on courtesy amounts (small amounts like postage)
>you can rule of thumb it-- one pound = two dollars. Or, IOW, a dollar
>= half a pound = 50 pence = 8 ounces.
>
>For exact rates, just look it up in the paper-- you'll find most majore
>currency exchange rates in the financial pages of most papers, near
>the stock exchange listings. The rates do change on a daily basis (actually
>they fluctuate constantly now but most people use a daily quote).
>
>
>73
>Marshall, AA0XI
>
>
Or another way, for radio prices, is that gear in UK is TWICE the price
as in USA (in pounds)! Would you lucky guys pay 1500 dollars for a QRP
Plus? Neither would I, but I would have to if I wanted one (I don't).
Be lucky...
--
Frank G3YCC

Turnpike evaluation. For information, email: info@turnpike.com

From qrp-1@lehigh.edu Tue Oct 17 14:35:00 1995
From: "N100Q Tom R. @ MR01 17-Oct-1995 0907" <randolph@est.ENET.dec.com>
Subject: [4342] re: DIODE IN FINAL AMP
Message-ID: <9510171327.AA13388@us4rmc.pko.dec.com>

> Ok, we have all probably used the 33V zener from the collector to
> ground of our 1-5 watt PA xistor and found that it aids stability,
> reduces spurs, et al. Now what I want is a rigorous description of why
> it works.

It's additional capacitance. There's an article from an old QST in the
"QRP Classics" book from ARRL on exactly this subject.

It seems the collector tuned circuit "rings" when drive goes away for half
of every RF cycle, this being class C. The ringing isn't necessarily at a
freq related to the operating freq of the transmitter, usually much higher.
This is supposedly observable with a high enough freq o'scope at the
collector. You won't see it at the output jack, because the tuned circuit
usually does enough filtering to clean up the VHF ringing. Putting a cap
or a Zener with it's intrinsic capacitance on the collector bypasses the
ringing.

Some output circuits, for instance the old-fashioned pi circuit from tube
days, start out with a cap to ground so ringing isn't a problem. There's
probably other ways to kill it, too - putting a resistor across the inductor,
if you can stand the lower Q, might work.

-Tom R. N100Q randolph@est.enet.dec.com

From qrp-1@lehigh.edu Tue Oct 17 14:35:00 1995
From: prvalko <prvalko@Oakland.edu>
Subject: [4322] Re: FOX: Schedule for this week
Message-ID: <Pine.OSF.3.91.951016172040.19807B-100000@saturn.acs.oakland.edu>

Mighty Sir Charles penned...

> Next year we will only take people who have never been the fox.
That'll keep the players circulating in the pool of foxii.
>

Ohhhhhh I have an idea!

Hows about the some of the top scoring hunters get first shot at being a FOX next year? Maybe the "runners up" to the stash of valauble prizes?

Of course they get right of first refusal and other obligations could prevent them from participating? And to keep it fair, perhaps a FOX this year can't be a FOX next year until (or IF) there is an opening?

watsa om???

73 =paul= wb8zjl

TALLY HO

From qrp-1@lehigh.edu Tue Oct 17 14:35:00 1995
From: burdick@interval.com (Wayne Burdick)
Subject: [4321] Re: Norcal30 Conversion
Message-ID: <v02130516aca882809d15@[199.170.106.28]>

Hi Edward,

Thanks for posting your conversion info. I did a "30A" also and had similar results.

I think that in a few cases builders could get away with using less exotic components with minimal (possibly non-measureable) effect on performace. For example:

L1 -- use a small RF choke, anything from 5.6 to 8.2uH

T1 -- 36 turns #28 on a T37-2

C4 -- anything from 1 to 5 pF

C45-47 -- lower voltages or even 5% ceramic disc caps should work; 220pF for C45 and C47 will work.

Other than this point I think you've got a winning modification. Thanks again.

Wayne
N6KR

From qrp-1@lehigh.edu Tue Oct 17 14:35:00 1995
From: adams@chuck.dallas.sgi.com (chuck adams)
Subject: [4331] Re: Pacificon Weather Report
Message-ID: <199510170226.CAA08410@chuck.dallas.sgi.com>

OK Doug,

In the spirit of last year we would like for you during the evening sessions like last year to snag the crank up tower from the comm-station there at the hotel and point the beam to the EAST. Tell the guys that are operating the station to set the beam to EAST before they remove the direction controls and power from the beam for the night.

Then take some of the rigs (we'd like CW, but I understand if you guys wanna do SSB with a modified Cascade on 17M or so) and put them on one or more of the QRP freqs. We'll all be looking from 5pm PDT til all the bands close. Grab a modem and laptop and let us know. Tell everyone you work who you are and what group and someone will relay and then you'll have a pileup on your hands for sure.

We don't care about the weather we know you dweebs will all be inside anyway. Just like Dayton. :-)

gl es cul

--

Chuck Adams (K5FO CP-60) adams@sgi.com
Box 181150, Dallas, TX 75218-8150

From qrp-1@lehigh.edu Tue Oct 17 14:35:00 1995
From: Paul Harden <pharden@aoc.nrao.edu>
Subject: [4318] Re: Pixie II
Message-ID: <199510161951.NAA29786@zia.aoc.nrao.edu>

The PIXIE II is a crystal controlled transceiver using a recommended 3.57 MHz xtal for 80M. It consists of two transistors (xtal oscillator and PA) and one IC (LM386 audio amp). Its a clever circuit where the PA transistor becomes the receive mixer during receive. It's a simple circuit and adapting its principals to the other bands should be fairly easy.

Nice write up on it in QRPP, June issue I think.

Paul NA5N

From qrp-1@lehigh.edu Tue Oct 17 14:35:00 1995
From: adams@chuck.dallas.sgi.com (chuck adams)
Subject: [4314] Re: QRP ARCI Contest
Message-ID: <199510161846.SAA07654@chuck.dallas.sgi.com>

Zack,

I am awaiting a current list of the members from the membership chair. The last list I have is three years old.

178K is an awesome score. You bragging again?

Send me via email the latest 28 members in numerical order.

dit dit es good score

--

Chuck Adams (K5FO CP-60) adams@sgi.com
Box 181150, Dallas, TX 75218-8150

From qrp-1@lehigh.edu Tue Oct 17 14:35:00 1995
From: rgobrick@public.compusult.nf.ca (Robert J. Gobrick)
Subject: [4327] Re: QRP ARCI Contest
Message-ID: <199510170050.WAA20196@public.compusult.nf.ca>

Zack,

Curious - do you run a database program with members and ARCI numbers to determine your new additions? I was thinking of setting up a lookup table with calls and members numbers.

Thanks 73/72 Bob V01DRB/WA6ERB

PS: Did the New England QRP club gang (Jack Frake NG1G) ever come up with a printed circuit board for the high performance 40 meter qrp xcvr that you had in QEX a while back?

>

>I added 28 members to my list--735 members worked--in
>case the Awards manager ever catches up.

>

>Zack KH6CP/1

>
>

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-----  
| Bob Gobrick - VO1DRB/WA6ERB/VE2DRB - Newfoundland, Canada |  
| QRPPer Galore - ARCI, GQRP, NORCAL, NEQRP, COQRP, MIQRP, NWQRP |  
| Internet:      rgobrick@public.compusult.nf.ca                |  
|                  bgobrick@terra.nlnet.nf.ca                  |  
| Compuserve:    70466.1405@compuserve.com                     |  
-----
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From qrp-l@lehigh.edu Tue Oct 17 14:35:00 1995
From: rgobrick@public.compusult.nf.ca (Robert J. Gobrick)
Subject: [4328] Re: QRP ARCI Fall QSO Party & MFJ Super Loop
Message-ID: <199510170050.WAA20191@public.compusult.nf.ca>

Geno and QRP-L Gang,

Geno in Denver dropped me a note and I thought I'd reply here and post my preliminary results (massive database compilation being carried out on a DEC Alpha Server as dupe log):

First of all thanks for all the Q's from the folks in the contest, especially the one who had to struggle with my signal. Also thanks to all the QRP-L gang I contacted - and there were plenty.

Score: 421 pts X 39 SPC X 7 (5 watts) = 114,933 and a total of 97 contacts.

20 meters	406 pts	36 SPC
15 meters	15 pts	3 SPC

Highlights -

- Really working hard (eardrum damage) to snag W6ZH, California & AA7KF, Oregon - very long haul from Newfoundland.
- A call from Dave NN1G using his new Green Mountain 20 - sounded really great.
- 3 Countries (all QRP) - England, Scotland and Canary Islands
- My first EVER V01 QRP QSO with a visiting Welshman at V01/GW4KVJ (I never am able to get SPC credit for V01)
- 90% of Q's were QRP ARCI members - really good turn out this year.
- Many, many qrp-l internets on - great to see the familiar calls (I DO NEED MY CRIB SHEET THOUGH).
- Working Byron WA8LCZ and N4ROA on 20 and 15 - good show, but I think I missed one of the 15 meter openings.
- Stayed off 40 meters - not a good band for me - too far from population

and too noisy.

- Used 250Hz IF filters for the first time - it really pointed out that the filters may be a bit too narrow for QRP contest since many stations I had to hunt for that were not zero beat with me (more than half the time).

Power House Station - Again for the doubters, it is possible to have fun and work lots of stations with limited equipment. Again my trusty MFJ Super Hi Q Loop on my apartment balcony pulled in the stations - If I heard you, I worked you (well I did miss K5ZTY in Texas - Texas continues to elude me for such a small State). Running 5 watts, using my MFJ 490X memory keyer and WB2QAP QRP Logger program (just great).

Until the next QRP contest 73/72 Bob V01DRB/WA6ERB

>
>
>Bob:
>Trust all is will back East. It was great that you were out-of-skip-range
>for PA this weekend.....That's all I heard, days on 20 and evenings on
>40! No ARCI Test! Oh well!?!
>
>Now that you have had considerable time to use the MFJ Super Loop, does it
>really compare favorably with a dipole "in most cases?" Would like to hear
>what brief comments you might have. TNX.
>
>Hope to see you on 20 one of these daze.....73/72. Geno AL7GQ Nr Denver
>E-Mail: al7gq@aol.com
>

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| Bob Gobrick - V01DRB/WA6ERB/VE2DRB - Newfoundland, Canada |
| QRP'er Galore - ARCI, GQRP, NORCAL, NEQRP, COQRP, MIQRP, NWQRP |
| Internet:      rgobrick@public.compuserve.nf.ca |
|                bgobrick@terra.nl.net.nf.ca |
| Compuserve:   70466.1405@compuserve.com |
|-----
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From qrp-l@lehigh.edu Tue Oct 17 14:35:00 1995
From: jgoemans@facstaff.wisc.edu (Jane Goemans)
Subject: [4337] re: QRP ARCI, WA9PWP and HAMFEST...
Message-ID: <199510170345.WAA74463@audumla.students.wisc.edu>

<snip>!

After all, the hams are the best reason to attend a hamfest! I entered one of the wide, barn-like rooms and who do I see coming toward me but Paul, WA9PWP. Just a big old smile on his face, a box of parts, and what's this!

A qrp rig! With a great metal case and a meter and knobs! AND ALL HE SPENT WAS A DOLLAR!!! Tell that to the guy who says ham radio is too expensive! Paul's an electrical engineer who spends his day working with equipment, so he's the perfect person to get this prize. I told him he'd better post his diagnostic results to the list, and I'm expecting all 700+ of you to hold him to that promise.

<snip>!

Well,

After that intro, here's the scoop on the \$1.00 box that the guy behind the table thrust into my hands after I bought a box of Centralab 12-position rotary switches for \$1.00...

Nice two-tone green paint job, dry transfer lettering with clearcote on top, 8"W by 3"H by 4 1/2"D. Hmmm, front has Lafayette S-meter, nice 10-turn gear reduction drive, lighted "pointer" above, RF gain, BFO and AF gain pots, ANL, BFO and dial light switches. (2 switches missing). Left side has small speaker behind a grille. Back has strange power connector and ant jack. Hmmm, what's missing ? NO KEY JACK !!!!!!!!!!!

Turns out to be a nicely homebrewed short wave reciever, using an AM broadcast portable radio board, a homebrew BFO injection, and a "RF Converter Model 300B" board from "Vanguard Electronics, Hollis, NY". Haven't powered it up yet, dial has no calibration on it at all, does anyone have any info on the RF Converter board ???

Oh, did 12 hours of the Fall QSO Party, 80, 40, 20, 15 mtrs, and final score around 439k points.... Nice to work the fists behind the keyboards !!! (Missed Chuck tho)

72 Paul Goemans WA9PWP

QRP ARCI, NorCal, etc.....

From qrp-1@lehigh.edu Tue Oct 17 14:35:00 1995

From: cebik@UTKVBX.UTCC.UTK.EDU

Subject: [4340] Re: Vibroplex Brass Racer

Message-ID: <Pine.PMDF.3.91.951017071856.543174808C-100000@utkvx.utk.edu>

Chuck,

How fitting, that the qrp'er with the most brass and the raciest cw fist should press Mitch into revising the marvelous Brass Racer base.

However, remember that according medieval numerology, you have reduced the divine to the mere mortal (since 3 was the number of the divine and 4 the number of the mortal). Glad you did not ask him for a pentagon base, as pentagrams have an entirely different meaning.

Glad the workings have remained intact--it is too good a keyer for much change--perfect for a light touch that does not tip a triangle.

-73-

LB, W4RNL